

FIG. 1 is a schematic diagram of a network architecture for unified office and factory automation. The diagram shows a central network 3 connected to two main systems, 1 and 2. System 1 is labeled 'UNIFIED OFFICE/FACTORY AUTOMATION' and contains a 'FIREWALL' 4, a 'SERVER' 7, a 'PC' 9, a 'WS' 13, and a 'B&B, PG PC' 8. System 2 is also labeled 'UNIFIED OFFICE/FACTORY AUTOMATION' and contains a 'FIREWALL' 5, a 'SERVER' 7, a 'PC' 9, a 'WS' 13, and a 'B&B, PG PC' 8. Both systems have a 'TCP/IP' connection to a 'JAVA VIRTUAL MACHINE' 6, which includes a 'JAVA BYTE-CODE INTERPRETOR' 10 and 'ANY TYPE OF CPU' 11. The network 3 is also connected to a 'PLC' 6 and 'SERIAL/PARALLEL I/O, SUBSYSTEMS' 6. A 'FIREWALL' 12 is also shown connecting to the network 3.

FIG. 1

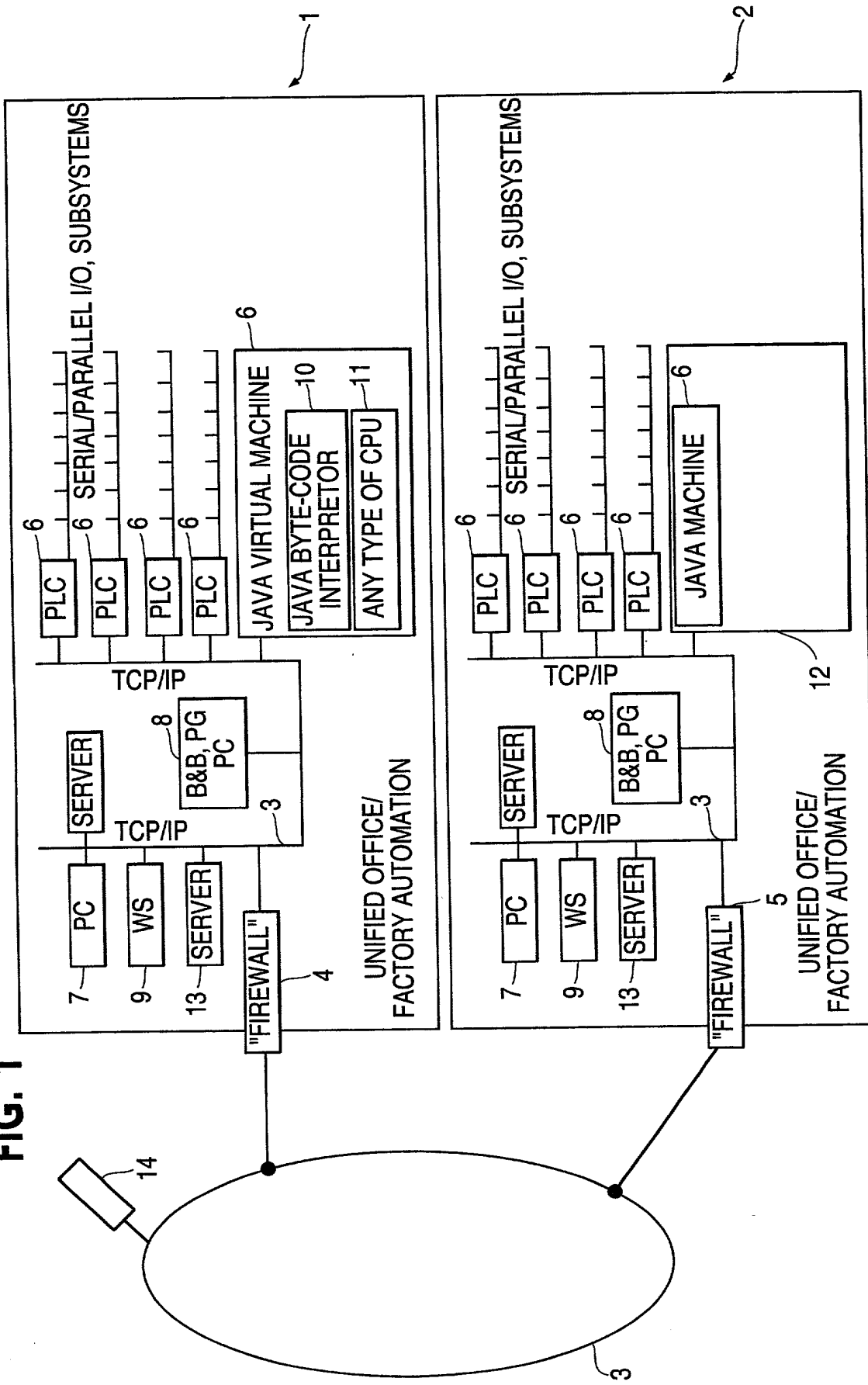


FIG. 2

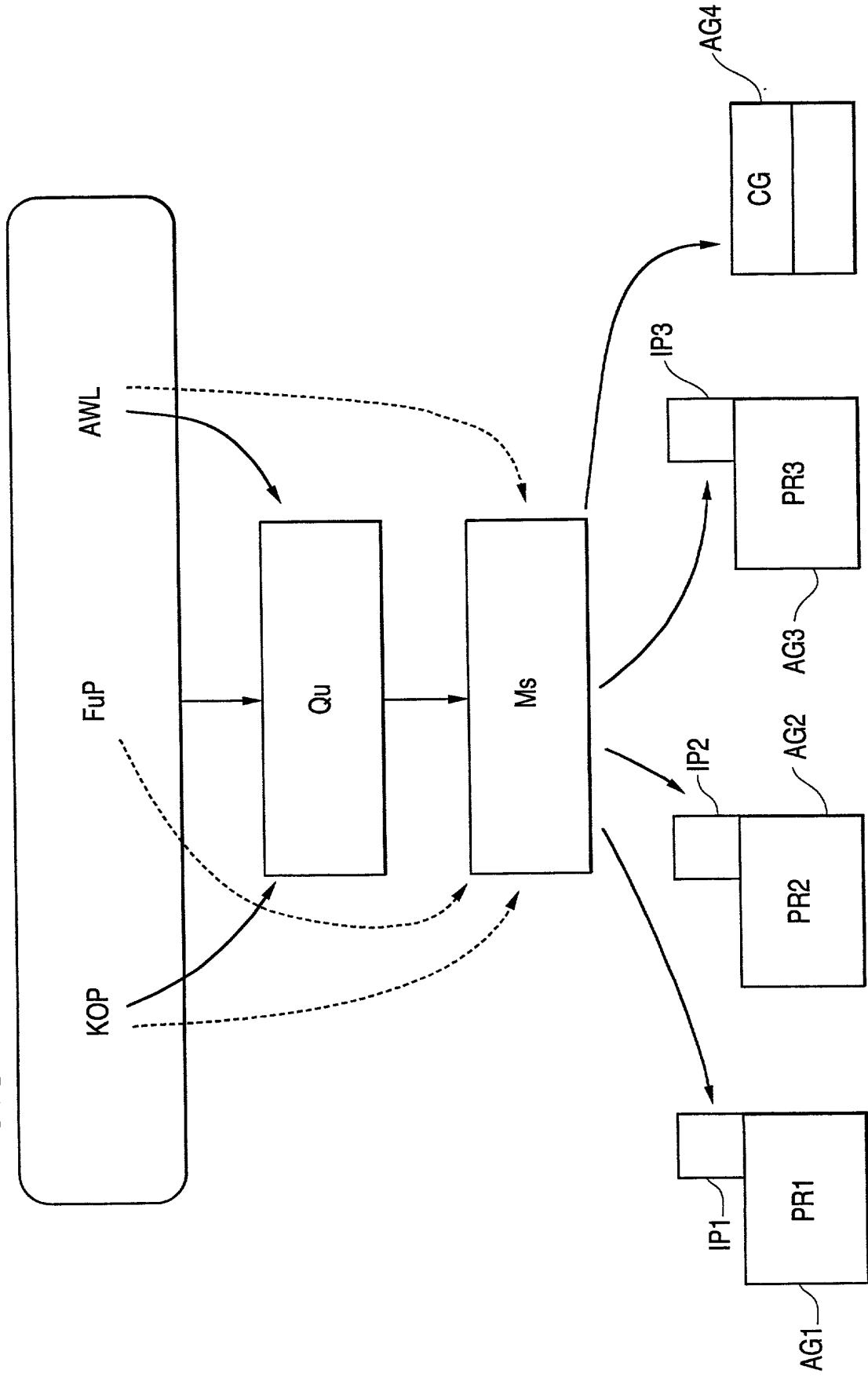


FIG. 3

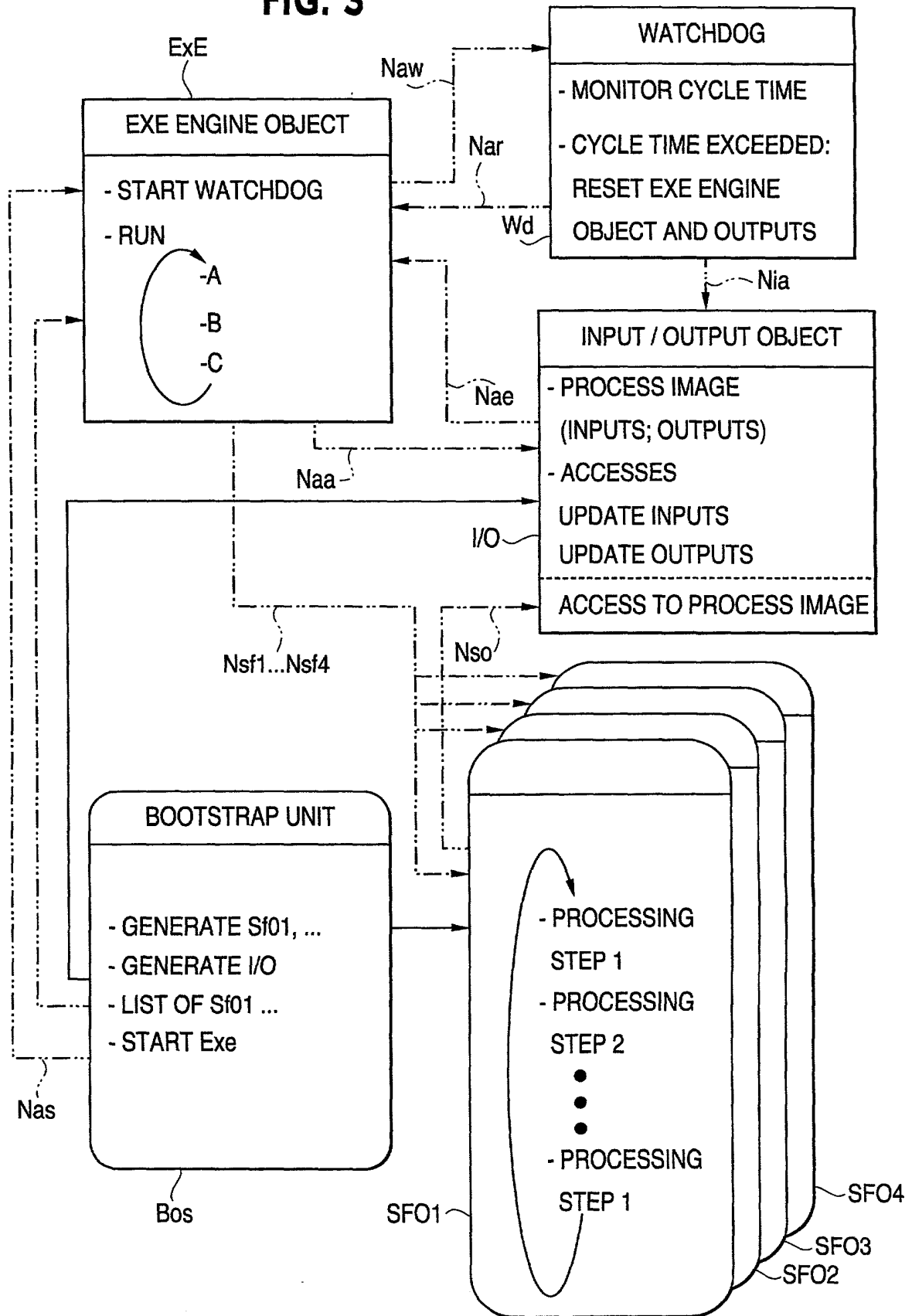


FIG. 4

